RESIN DISPERSION AND PRODUCTION THEREOF

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Abstract

PURPOSE:A dispersion, obtained by dispersing a specific modified polypropylene in a solid state in a hydrocarbon solvent, capable of being an uniform dispersion simply by lightly stirring even after allowing to stand without swelling, dissolving or flocculating of dispersion particles and causing clogging of nozzles as well as surface unevennesses in coating.
CONSTITUTION:A resin dispersion, obtained by dispersing a modified polypropylene graft modified with an unsaturated carboxylic acid (anhydride) in a solid state in a hydrocarbon based solvent, capable of giving powder of the modified polypropylene, prepared by evaporating the above-mentioned dispersion to dryness at ordinary temperature and having >=70% crystallinity measured by an X-ray diffractometry, 0.3-1.5dl/g intrinsic viscosity and 0.1-10wt% content of the unsaturated carboxylic acid (anhydride). In cooling a solution prepared by dissolving the above-mentioned modified polypropylene (provided that only the crystallinity is >=50%) in the hydrocarbon based solvent to give the aimed resin dispersion, the cooling rate at 90-70 deg.C is 1-20 deg.C/hr to afford the dispersion.